C l a i m s

1. A dispensing device having a container (1), the receiving space of which contains a dispensable medium, which can be extracted by means of an open dispensing element (17; 72; 74) of the device for an extraction process, and having a control body (19), which, by means of a rotary movement moves a connecting body (11), which is guided such that it can be displaced longitudinally in a housing part (9), from an inactive initial position into an active extraction position, wherein a media-carrying connection is established between the receiving space (3) and the dispensing element (17; 72; 74), wherein at least one control part (57) of the control body (19) can be brought into abutment with at least one control path (54) of the connecting body (11), characterized in that the respective control part (57) viewed relative to the housing part (9), when the control body (19) is rotated, follows the rotary movement in an axially unchanged manner and moves the connecting body from the initial position into the extraction position via the sloped control path (54) of the connecting body (11), further characterized in that upon the rotation of the control body (19) in any direction, the corresponding control part (57), viewed relative to the housing part (9), follows the rotary movement in an axially unchanged manner and moves the connecting body from the initial position into the extraction position via the control path (54) of the connecting body (11).

2. The device according to claim 1, characterized in that the control body (19) has two control parts (57), which are diametrically opposite in relation to the longitudinal axis of the device, which are, in the initial position of the connecting body (11), rotatable from a lower vertex position (55) formed by the respective control paths (54) of the connecting body (11) toward an upper vertex position (56) of the respective control paths (54), which are arranged above the lower vertex

position (55) in the initial position of the connecting body (11) in the axial direction, relative to the longitudinal axis.

3. The device according to claim 1 or claim 2, characterized in that the control path (54) encompasses, at least partially, in a hollow-ring-like manner and coaxially, a connecting channel (13) of the connecting body (11) and that a functional body (15), which is designed specifically for the respective container application, is arranged on the connecting body (11).

4. The device according to claim 3, characterized in that the functional body has
   - a cannula (17); or
   - a hollow mandrel (72); or
   - a dropper; or
   - an ointment or gel applicator; or
   - a connecting part (60).

5. The device according to claim 4, wherein the connecting part (60) is a conical connection or closure part.

6. The device according to any one of claims 3 to 5, characterized in that the functional body (15) and the connecting body (11) are integral with each other.

7. The device according to any one of the claims 3 to 6, characterized in that the control body (19) is designed in the manner of a protective cover for the corresponding functional body (15), supporting on its inside the control part in the form of at least one inwardly projecting lug part (57), which is formed at least partly convex in the direction of the connecting body (11) when the protective cover (19) is on.

8. The device according to one of the preceding claims,

characterized in that the control body (19), in the direction of its open free end having at least one protruding annular segment (51), reaches under an assignable annular segment (47) of the housing part (9) in the inactive initial position of the control body (19) at this housing part (9), and that after a rotation of the control body (19) around a predetermined distance, until the connecting body (11) has reached its active extraction position, the paired annular segments (47, 51) become disengaged from one another, and the control body (19) can be removed from the housing part (9).

9. The device according to any one of the preceding claims, characterized in that the connecting body (11) is provided with at least one longitudinal guide (37), guided such that it can be moved longitudinally in the housing part (9) and secured against all rotational movement.

10. The device according to any one of the preceding claims, characterized in that the container (1) can be molded to the housing part (9) and/or subsequently be connected to the housing part (9) as an independent component.

11. A functional body carrier unit (15), for a dispensing device according to any one of the preceding claims, comprising
    - a housing part (9) guiding a connecting body (11)
    - the connecting body (11) bearing the respective functional body (15) that can be moved longitudinally and
    - a control body (19), which is rotatable relative thereto,

- characterized in that, upon the rotation of the control body (19) in any direction, a corresponding control part (57), viewed relative to the housing part (9), follows the rotary movement in an axially unchanged manner and moves the connecting body from an inactive initial position into an extraction position, in the direction of the longitudinal movement, via a control path (54) of the connecting body (11), wherein said control path comprises a slope and wherein upon the rotation of the control body (19) in any direction, the

corresponding control part (57), viewed relative to the housing part (9), follows the rotary movement in an axially unchanged manner and moves the connecting body from the initial position into the extraction position via the control path (54) of the connecting body (11).

12. A container system comprising:

(a) the dispensing device according to one of claims 1 to 8;

(b) the functional body carrier unit according to claim 11; and

(c) an outer closed sheath, the sheath parts (77, 82) of which can be separated from one another along at least one separation point (81) in order to expose both the dispensing device and the functional body carrier unit, the device and/or the unit having at least the following components:

- the functional body (15),
- the control body (19) covering the functional body (15),
- the connecting body (11), which can be actuated by the control body (19) from an inactive initial position into an active extraction position for the extraction of a container medium, and
- the housing part (9) guiding the connecting body (11).